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**TRANSMITTAL
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Application Number

10/678,569

Filing Date

October 3, 2003

First Named Inventor

Joachim Oppelt

Art Unit

3672

Examiner Name

Total Number of Pages in This Submission

4

Attorney Docket Number

564-24872-US

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply (preliminary) | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | The Commissioner is authorized to charge any under payment or credit any over payment deemed associated with this communication to Deposit Account No. 02-0429 (564-24872-US) | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

William E. Schmidt, Reg. No. 47,064

Signature

Date

January 27, 2004

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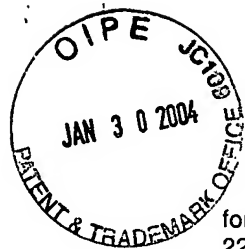
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January 27, 2004

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Naghma Hall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Joachim Oppelt

Serial No:10/678,569

Filed: October 3, 2003

Title: High Data Rate Borehole Telemetry System

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Docket No: 564-24872-US

Art Unit: 3672

Examiner: Not Assigned

PRELIMINARY AMENDMENT

Prior to any substantive action in the application, Please amend the application as follows:

Amendments to the specification begin on Page 2 of this paper.